## **IN THE CLAIMS**

Please amend the claims as indicated by the amended claim set below.

1. (Original) A method of setting parameters of a real time packet-based connection over a communication network, comprising:

identifying, by a particular network element, a real-time packet based connection;

selecting, by the particular network element, a value for at least one end-point parameter of the identified connection; and

selecting, by the particular network element, a value for at least one network parameter of the identified connection.

- 2. (Original) A method according to claim 1, wherein the selecting of the values of the end-point parameter and the network parameter is performed during setup of the connection.
- 3. (Original) A method according to claim 1, wherein the at least one end-point parameter comprises a negotiated parameter.
- 4. (Original) A method according to claim 1, wherein the at least one end-point parameter comprises at least one non-negotiated parameter.
- 5. (Original) A method according to claim 1, wherein the at least one end-point parameter comprises a jitter buffer size.
- 6. (Original) A method according to claim 1, wherein the at least one end-point parameter comprises a frame size of transmitted packets on the connection.
- 7. (Original) A method according to claim 1, wherein the at least one end-point parameter comprises a codec type.
- 8. (Original) A method according to any claim 1, wherein the at least one network parameter comprises a global parameter.

- 9. (Original) A method according to claim 1, wherein the at least one network parameter comprises a route to be traversed by the packets of the connection.
- 10. (Original) A method according to claim 1, wherein the at least one network parameter comprises a header compression method to be applied to the packets of the connection.
- 11. (Original) A method according to claim 1, wherein the at least one network parameter comprises an MTU value of at least one routing unit of the network.
- 12. (Original) A method according to claim 1, comprising receiving by the particular network element a value of a quality of service QoS attribute of the network, and wherein the selecting of the network parameter and the end-point parameter is performed responsive to the value of the QoS attribute.

## 13-17. (Cancelled)

- 18. (Original) A method according to claim 1, wherein selecting the value for the at least one end-point parameter comprises selecting the value of the end-point parameter responsive to the selected value of the network parameter.
- 19. (Original) A method according to claim 1, wherein selecting the value of the network parameter is performed responsive to the selected value of the end-point parameter.
- 20. (Original) A method according to claim 1, wherein selecting the value for the at least one end-point parameter comprises selecting a codec responsive to a delay of a selected route for the connection, such that the total delay of the route in the codec is smaller than a predetermined value.

## 21-23. (Cancelled)

24. (Original) A method according to claim 1, wherein the particular network element selects parameter values for a plurality of different connections substantially concurrently.

25. (Original) A method of setting parameters of a real time packet-based connection over a communication network, comprising:

collecting quality of service attribute values of the network, by one or more network elements;

selecting a value for at least one end-point parameter of the connection, responsive to the collected attribute values; and

selecting a value for at least one network parameter of the connection, responsive to the collected attribute values.

- 26. (Original) A method according to claim 25, wherein the values of the at least one endpoint parameter and the at least one network parameter are selected before either of the parameter values is implemented.
- 27. (Original) A method of setting parameters of a real time packet-based connection over a communication network, comprising:

determining a value for at least one end-point parameter of the connection; and selecting a value for at least one network parameter of the connection, responsive to the determined value of the at least one end-point parameter.

28. (Original) A method according to claim 27, wherein the at least one network parameter is selected before the value of the end-point parameter is implemented.

29-45. (Cancelled)